

REMARKS

Claims 27, 28 and 31 are pending in the present application. Claims 27 and 28 have been amended. Claim 31 has been presented herewith. Claims 22-26, 29 and 30 have been canceled.

Priority Under 35 U.S.C. 119

Applicant notes the Examiner's acknowledgment of the Claim for Priority under 35 U.S.C. 119, and receipt of the certified copy of the priority document in Parent U.S. Application Serial No. 08/959,667.

Information Disclosure Statement

Enclosed are copies of an Information Disclosure Statement and Form PTO/SB/08A form dated April 25, 2005. Also enclosed is a copy of dated, stamped postcard receipt provided as evidence that the Information Disclosure Statement was received by the U.S. Patent Office. The Examiner is respectfully requested to acknowledge receipt of the Information Disclosure Statement, and to confirm that the documents listed therein have been considered and will be cited of record in the present application.

Double Patenting

Claims 24 and 29 have been rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 1 and 3 of prior U.S. Patent No. 6,713,319. This is a double patenting rejection. This rejection is respectfully traversed for the following reasons.

Applicant initially points out that it is believed that this rejection applies to claims **24 and 28**, not claim 29. Particularly, claim 29 features that the base member and the sealing member have a same thermal expansion coefficient. As ultimately dependent upon claim 27, claim 29 is not the same as claim 3 of prior U.S. Patent No. 6,713,319.

Accordingly, the Examiner is respectfully requested to confirm that claim 29 has not been rejected under 35 U.S.C. 101.

Responsive to this rejection, claim 24 has been canceled. Also, claim 28 has been amended to feature that the base member and the sealing member are a polyimide resin. Claim 28 as dependent upon claim 27 thus is not the same as claim 3 of prior U.S. Patent No. 6,713,319. Applicant therefore respectfully submits that this rejection, insofar as it may pertain to the pending claims, is improper for at least these reasons, and thus respectfully urges the Examiner to withdraw this rejection.

Claims 22, 23, 25, 27 and 28 have been rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-3 of U.S. Patent No. 6,713,319. This rejection is respectfully traversed for the following reasons.

Claim 27 has been amended to include the features of claim 29, wherein "the

base member and the sealing member having a same thermal expansion coefficient".

Since claim 29 has not been rejected under obviousness-type double patenting, this rejection insofar as it may pertain to current claim 27, should thus be withdrawn.

Claim Rejections-35 U.S.C. 103

Claims 22, 23, 25-27 and 30 have been rejected under 35 U.S.C. 103(a) as being unpatentable over the Frye et al. reference (U.S. Patent No. 5,534,465) in view of the Yamada et al. reference (U.S. Patent No. 5,864,178). This rejection is respectfully traversed for the following reasons.

As noted above, claim 27 has been amended to include the features of dependent claim 29, which has not been rejected under 35 U.S.C. 103. Accordingly, this rejection, insofar as it may pertain to current claim 27, should be withdrawn.

Claims 28 and 31

Applicant respectfully submits that claims 28 and 31 should distinguish over the prior art as relied upon by the Examiner at least by virtue of dependency upon claim 27.

With further regard to claim 31, the Examiner has interpreted wettable metal region 36 and additional insulating layer 35 in Fig. 4 of the Frye et al. reference respectively as the conductive layer and the base member of claim 27. However, since wettable metal region 36 in Fig. 4 of the Frye et al. reference does not extend onto an entirety of the top surface of additional insulating layer 35, the prior art as relied upon

by the Examiner fails to meet the features of claim 31.

Claim Objections

Claim 29 has been objected to under 37 C.F.R. 1.75(c), as being of improper dependent form for failing to further limit the subject matter of claim 28. Claim 29 has been canceled. The Examiner is therefore respectfully requested to withdraw this objection.

Conclusion

The Examiner is respectfully requested to reconsider and withdraw the corresponding rejections, and to pass the claims of the present application to issue, for at least the above reasons.

In the event that there are any outstanding matters remaining in the present application, please contact Andrew J. Telesz, Jr. (Reg. No. 33,581) at (571) 283-0720 in the Washington, D.C. area, to discuss these matters.

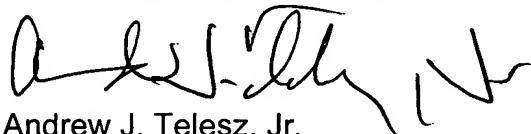
Pursuant to the provisions of 37 C.F.R. 1.17 and 1.136(a), the Applicant hereby petitions for an extension of two (2) months to May 23, 2005, for the period in which to file a response to the outstanding Office Action. The required fee of \$450.00 should be charged to Deposit Account No. 50-0238.

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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment for any additional fees that may be required, or credit any overpayment, to Deposit Account No. 50-0238.

Respectfully submitted,

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Enclosures: - Copies of Information Disclosure Statement and Form PTO/SB/08A
dated April 25, 2005
- Copy of dated, stamped postcard receipt